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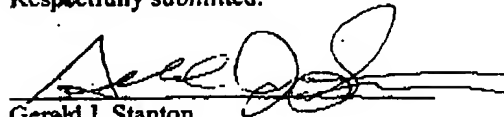
REMARKS/ARGUMENTS:

Claims 1, 3-4, 6-10 and 12-16 are pending in this application, as this Amendment cancels claim 5. In the Office Action dated June 1, 2006, the Examiner has rejected claims 1, 4, 8-9 as anticipated by an article entitled "HIGH-T<sub>c</sub> SUPERCONDUCTING ANTENNA-COUPLED MICROBOLOMETER ON SILICON" by Rice et al (hereinafter, Rice); and has rejected claim 7 under 35 USC 103(a) as obvious over Rice in combination with US Pat. No. 6,563,118 B2 to Ooms et al (hereinafter, Ooms). The Examiner has further allowed claims 10 and 12-16, and has indicated dependent claims 3 and 5-6 recite patentable subject matter and would be allowable but for their dependence from a rejected base claim.

Independent claims 1 and 8 are herein amended with the subject matter of (now-canceled) claim 5 which was deemed allowable, and has amended dependency of claim 6. Independent claim 9 is amended with the subject matter of claim 3, which was deemed allowable. By these amendments, each of claims 1, 3-4, 6 and 8-9 are seen to be in condition for allowance.

The Applicants appreciate the Examiner disclosing the CeO<sub>2</sub> layer of Rice, which was previously overlooked. All claims now recite subject matter deemed allowed or allowable in the June 1, 2006 office action, so the Applicants respectfully request the Examiner pass all remaining claims to issue. The undersigned representative welcomes the opportunity to resolve any matters that may remain, formal or otherwise, via teleconference at the Examiner's discretion.

Respectfully submitted:

  
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Reg. No.: 46,008August 17, 2006  
Date

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